

Global Food Grade Microbial Fermented Pigments Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GA7C47EC69FCEN.html>

Date: April 2026

Pages: 142

Price: US\$ 4,480.00 (Single User License)

ID: GA7C47EC69FCEN

Abstracts

The global Food Grade Microbial Fermented Pigments market size is expected to reach \$ 302 million by 2032, rising at a market growth of 5.8% CAGR during the forecast period (2026-2032).

Food-grade microbial fermented pigments refer to natural pigments produced and extracted by microorganisms (such as molds, bacteria, and yeasts) under controlled fermentation conditions. They possess advantages such as safety, stability, and a wide range of raw material sources, and are widely used in the food industry. A typical example is red yeast rice.

The upstream mainly involves the screening and modification of high-yield microbial strains (such as yeast, molds, and algae), fermentation raw materials (molasses, corn starch, inorganic salts, etc.), and bioreactors and testing equipment. The midstream involves fermentation and refining, using deep liquid or solid-state fermentation combined with separation, purification, and microencapsulation technologies to produce stable pigment formulations.

Global sales are projected to reach thousands of tons by 2025, with an average global market price of approximately US\$35-60 per kilogram. Gross profit margins typically range from 30% to 50%.

This report studies the global Food Grade Microbial Fermented Pigments production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Food Grade Microbial Fermented Pigments and provides market size (US\$ million) and Year-

over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Food Grade Microbial Fermented Pigments that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Food Grade Microbial Fermented Pigments total production and demand, 2021-2032, (Tons)

Global Food Grade Microbial Fermented Pigments total production value, 2021-2032, (USD Million)

Global Food Grade Microbial Fermented Pigments production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Food Grade Microbial Fermented Pigments consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Food Grade Microbial Fermented Pigments domestic production, consumption, key domestic manufacturers and share

Global Food Grade Microbial Fermented Pigments production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Food Grade Microbial Fermented Pigments production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Food Grade Microbial Fermented Pigments production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Food Grade Microbial Fermented Pigments market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include DSM-firmenich, BASF, Lycored, Yaegaki Biotechnology, Divi's Nutraceuticals, Fermentalg, Colorifix, Pili, Octarine Bio, Zhongda Hengyuan, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Food Grade Microbial Fermented Pigments market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Food Grade Microbial Fermented Pigments Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Food Grade Microbial Fermented Pigments Market, Segmentation by Type:

Red Yeast Rice Pigment

Quinone Pigment

Carotenoids

Other

Global Food Grade Microbial Fermented Pigments Market, Segmentation by Microorganism Source:

Fungi

Bacteria

Yeasts

Global Food Grade Microbial Fermented Pigments Market, Segmentation by Application:

Beverages

Dairy Products

Confectionery

Meat Products

Others

Companies Profiled:

DSM-firmenich

BASF

Lycored

Yaegaki Biotechnology

Divi's Nutraceuticals

Fermentalg

Colorifix

Pili

Octarine Bio

Zhongda Hengyuan

Tianyi Biotech

Guangdong KeLong Biotech

CABIO Biotech

HSF Biotech

Zhejiang Sanhe Bio-tech

Daosheng Synbiology

Key Questions Answered:

1. How big is the global Food Grade Microbial Fermented Pigments market?
2. What is the demand of the global Food Grade Microbial Fermented Pigments market?
3. What is the year over year growth of the global Food Grade Microbial Fermented Pigments market?
4. What is the production and production value of the global Food Grade Microbial Fermented Pigments market?
5. Who are the key producers in the global Food Grade Microbial Fermented Pigments market?
6. What are the growth factors driving the market demand?

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